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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Attorney Docket Number DAS-104XC1

**Complete if Known**

Application Number	10/754,115
Filing Date	January 7, 2004
First Named Inventor	Timothy D. Hey
Art Unit	
Examiner Name	
Attorney Docket Number	DAS-104XC1

**U. S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

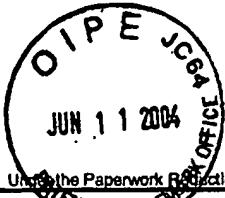
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
RV	7 ✓	WO 95/00647 A1	01-05-1995	Smigelski	(review all)	
	8 ✓	WO 97/17432 A1	05-15-1997	Ensign et al.	(review all)	
	9 ✓	WO 98/08388 A1	03-05-1998	Jarrett et al.	(review all)	
	10 ✓	WO 98/08932 A1	03-05-1998	Ensign et al.	(review all)	
	11 ✓	WO 98/50427 A1	11-12-1998	Ensign et al.	(review all)	
✓	12 ✓	WO 99/03328 A1	01-28-1999	East	(review all)	

Examiner Signature	Rosanne Kasson	Date Considered	2/22/06
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		Country Code <sup>3</sup> /Number <sup>4</sup> /Kind Code <sup>5</sup> (if known)				
RK	13/	WO 99/42589 A2	08-26-1999	Kramer et al.	(Review all)	
	14/	WO 99/54472 A1	10-28-1999	Kramer et al.	(Review all)	
	15/	WO 00/30453 A2	06-02-2000	Jarrett et al.	(Review all)	
	16/	WO 00/42855 A1	07-27-2000	Morgan et al.	(Review all)	
	17/	WO 01/11029 A1	02-15-2001	Petell et al.	(Review all)	
↓	18/	WO 02/94867 A2	11-28-2002	Duchaud et al.	(Review all)	

**Examiner  
Signature**

Jeanne Kossow

Date Considered

2120-106

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	10/754,115
		Filing Date	January 7, 2004
		First Named Inventor	Timothy D. Hey
		Art Unit	
		Examiner Name	
Sheet	3	of	8
		Attorney Docket Number	
		DAS-104XC1	

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

Sheet 3 of 3

**Complete if Known**

Application Number	10/754,115
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Examiner Name	

Sheet 3 of 8 Attorney Docket Number DAS-10

U. S. PATENT DOCUMENTS

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		Foreign Patent Document	Publication Date MM-DD-YYYY			
RK	19	WO 04/02223 A2	01-08-2004	Bintrim et al.	(Review all)	

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				<b>First Named Inventor</b>	Timothy D. Hey
				<b>Art Unit</b>	
				<b>Examiner Name</b>	
Sheet	4	of	8	Attorney Docket Number	DAS-104XC1

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
fV	20 /	BOWEN et al., "Insecticidal toxins from the bacterium <i>Photorhabdus luminescens</i> ," <i>Science</i> 280 (5372), 2129-2132 (1998)		T <sup>2</sup>
	21 /	BOWEN et al., Insecticidal toxin complex protein TcaC ( <i>Photorhabdus luminescens</i> ), GENBANK Accession No. AAC38625 (gi:3265037), June 30, 1998		
	22 /	BOWEN et al., Insecticidal toxin complex protein TcbA ( <i>Photorhabdus luminescens</i> ), GENBANK Accession No. AAC38627 (gi:3265040), June 30, 1998		
	23 /	FFRENCH-CONSTANT et al., "Photorhabdus toxins: novel biological insecticides," <i>Current Opinion in Microbiology</i> (1999), p. 284-288, vol. 12		
	24 /	FFRENCH-CONSTANT et al., "Novel insecticidal toxins from nematode-symbiotic bacteria," <i>Cellular and Mol. Life Sciences</i> (5/00), p. 828-833, vol. 57, no. 5		
	25 /	FFRENCH-CONSTANT et al., "A Genomic Sample Sequence of the Entomopathogenic Bacterium <i>Photorhabdus</i> ..." <i>Appl. Environ. Microbiol.</i> (8/00), p. 3310-3329, vol. 66, no. 8		
	26 /	FORST et al., "Molecular Biology of the Symbiotic-Pathogenic Bacteria <i>Xenorhabdus</i> spp. and <i>Photorhabdus</i> spp.," <i>Microbiological Reviews</i> (3/96), p. 21-43, vol. 60, no. 1		
	27 /	HURST et al., "Plasmid-Located Pathogenicity Determinants of <i>Serratia entomophila</i> ..." <i>Journal of Bacteriology</i> (09/00), p. 5127-5138, vol. 182, no. 18		
	28 /	HURST et al., SepA ( <i>Serratia entomophila</i> ), GENBANK Accession No. AAG09642 (gi:9963678)		
Y	29 /	HURST et al., SepB ( <i>Serratia entomophila</i> ), GENBANK Accession No. AAG09643 (gi:9963679)		

Examiner Signature	<i>Norraine Korn</i>	Date Considered	2/22/06
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RKL	30 /	HURST et al., SepC ( <i>Serratia entomophila</i> ), GENBANK Accession No. AAG09644 (gi:9963680)		T <sup>2</sup>
	31 /	MERLO et al., Toxin A ( <i>Photorhabdus luminescens</i> ), GENBANK Accession No. AAF05542 (gi:6176340), November 2, 1999		
	32 /	MORGAN et al., "Sequence Analysis of Insecticidal Genes from Xenorhabdus nematophilus PMFI296," <i>Appl. Environ. Microbiol.</i> (5/01), p. 2062-2069, vol. 67, no. 5		
	33 /	MORGAN et al., <i>Xenorhabdus nematophilus</i> genes, GENBANK Accession No. AJ308438, May 11, 2001		
	34 /	MORGAN et al., Putative chitinase ( <i>Xenorhabdus nematophila</i> ), GENBANK Accession No. CAC38398 (gi:14041727), May 11, 2001		
	35 /	MORGAN et al., XptA1 protein ( <i>Xenorhabdus nematophila</i> ), GENBANK Accession No. CAC38401 (gi:14041730), May 11, 2001		
	36 /	MORGAN et al., XptB1 protein ( <i>Xenorhabdus nematophila</i> ), GENBANK Accession No. CAC38402 (gi:14041731), May 11, 2001		
	37 /	MORGAN et al., XptC1 protein ( <i>Xenorhabdus nematophila</i> ), GENBANK Accession No. CAC38403 (gi:14041732), May 11, 2001		
	38 /	MORGAN et al., XptA2 protein ( <i>Xenorhabdus nematophila</i> ), GENBANK Accession No. CAC38404 (gi:14041733), May 11, 2001		
↓	39 /	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein ( <i>Pseudomonas...</i> ), GENBANK Accession No. ZP_00083266 (gi:23058175)		

Examiner Signature	<i>Rosanne Kessner</i>	Date Considered	2122106
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/RK	40 /	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00083267 (gi:23058176)			
	41 /	NCBI Microbial Genomes Annotation Project, Hypothetical protein (Pseudomonas fluorescens...), GENBANK Accession No. ZP_00084399 (gi:23059431)			
	42 /	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00084400 (gi:23059432)			
	43 /	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00084401 (gi:23059433)			
	44 /	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00084403 (gi:23059435)			
	45 /	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00125560 (gi:23470227)			
	46 /	NCBI Microbial Genomes Annotation Project, Hypothetical protein (Pseudomonas syringae...), GENBANK Accession No. ZP_00126265 (gi:23470933)			
	47 /	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00127864 (gi:23472540)			
	48 /	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00127865 (gi:23472541)			
↓	49 /	NCBI Microbial Genomes Annotation Project, Hypothetical protein (Pseudomonas syringae...), GENBANK Accession No. ZP_00127867 (gi:23472543)			

Examiner Signature	Rosanne Koss	Date Considered	2/22/06
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LV	50 ✓	NCBI Microbial Genomes Annotation Project, Hypothetical protein ( <i>Pseudomonas syringae</i> ...), GENBANK Accession No. ZP_00127868 (gi:23472544)				
	51 ✓	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein ( <i>Pseudomonas</i> ...), GENBANK Accession No. ZP_00127869 (gi:23472545)				
	52 ✓	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein ( <i>Pseudomonas</i> ...), GENBANK Accession No. ZP_00127870 (gi:23472546)				
	53 ✓	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein ( <i>Pseudomonas</i> ...), GENBANK Accession No. ZP_00123877 (gi:23468542)				
	54 ✓	PETTERSSON et al., "Transfer of <i>Bacillus lenthimorbus</i> and <i>Bacillus popilliae</i> to the genus <i>Paenibacillus</i> ...", Int. J. Syst. Bacteriol. (1999), p. 531-540, vol. 49, no. 2 (abstract)				
	55 ✓	SHIDA et al., "Emended description of <i>Paenibacillus amylolyticus</i> and description of <i>Paenibacillus</i> ...", Int. J. Syst. Bacteriol. (1997), p. 299-306, vol. 47, no. 2 (abstract)				
	56 ✓	WATERFIELD et al., "Oral Toxicity of <i>Photobacterium luminescens</i> W14 Toxin Complexes in <i>Escherichia coli</i> ," Appl. Environ. Microbiol. (11/01), p. 5017-5024, vol. 67, no. 11				
	57 ✓	WATERFIELD et al., "The toxin complex genes of <i>Photobacterium</i> : a growing gene family," Trends in Microbiology (04/01), p. 185-191, vol. 9, no. 4				
	58 ✓	WATERFIELD et al., "Genomic islands in <i>Photobacterium</i> ," Trends Microbiol. 10 (12), 541-545 (2002)				
	59 ✓	WATERFIELD et al., Toxin complex protein ( <i>Photobacterium luminescens</i> ). GENBANK Accession No. AAL18473 (gi:16416915)				

Examiner Signature	Karen Kossen	Date Considered	2/22/06
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Sheet

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RK	60 /	WATERFIELD et al., TcdA1; toxin complex protein ( <i>Photorhabdus luminescens</i> ), GENBANK Accession No. AAL18486 (gi:16416929)	
	61 /	WATERFIELD et al., TcdB1; toxin complex protein ( <i>Photorhabdus luminescens</i> ), GENBANK Accession No. AAL18487 (gi:16416930)	
	62 /	WATERFIELD et al., TccC2 ( <i>Photorhabdus luminescens</i> ), GENBANK Accession No. AAL18492 (gi:27479639)	
	63 /	WATERFIELD et al., TccC4 ( <i>Photorhabdus luminescens</i> ), GENBANK Accession No. AAO17196 (gi:27479669)	
	64 /	WATERFIELD et al., TcdA2 ( <i>Photorhabdus luminescens</i> ), GENBANK Accession No. AAO17201 (gi:27479674)	
	65 /	WATERFIELD et al., TcdB2 ( <i>Photorhabdus luminescens</i> ), GENBANK Accession No. AAO17202 (gi:27479675)	
	66 /	WATERFIELD et al., TccC3 ( <i>Photorhabdus luminescens</i> ), GENBANK Accession No. AAO17204 (gi:27479677)	
	67 /	WATERFIELD et al., TcdA4 ( <i>Photorhabdus luminescens</i> ), GENBANK Accession No. AAO17209 (gi:27479682)	
	68 /	WATERFIELD et al., TccC5 ( <i>Photorhabdus luminescens</i> ), GENBANK Accession No. AAO17210 (gi:27479683)	

Examiner Signature	Rosanne Kowar	Date Considered	2/22/06
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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